

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-12. (canceled).

13. (currently amended): An image processing device comprising:

a first element which produces partial straight lines in a background, each of which has a horizontal axis, wherein each of said horizontal axes are is parallel with each other to one of a vertical or a horizontal line, from a line;

a second element which separates a color brightness parameter data of said background and each of said partial straight lines; and

a third element which produces ranges locating a shading range having a starting point and a ending point, wherein said shading range is adjacent to one of said partial straight lines, respectively, and makes the color brightness of each of said shading range ranges change smoothly from the starting point to the ending point by using brightness parameter said starting point to said ending point by placing the brightness data of said background at said starting point and the brightness data of said straight line at said ending point.

14-17. (canceled).

AMENDMENT UNDER 37 C.F.R. §1.111
USSN: 09/887,168

18. (currently amended): The image processing device as claimed in claim 13,
further comprising:

a frame buffer; and

a fourth element which writes a predetermined one or plurality of said partial straight
lines to said frame buffer; and

wherein said third element writes said ~~ranged~~ range to said frame buffer.

19. (new): An image processing device comprising:

a first element which produces partial straight lines in a background, each of which has a
horizontal axis, wherein each of said horizontal axes are parallel with each other;

B. a second element which separates a color brightness data of said background and each of
said partial straight lines; and

a third element which produces shading ranges having a starting point and a ending point,
wherein said shading ranges are adjacent to said partial straight lines, respectively, and make the
brightness of each of said shading ranges change smoothly from said starting point to said ending
point by placing the brightness data of said background at said starting point and the brightness
data of said straight line at said ending point.

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20. (new): The image processing device as claimed in claim 19, further comprising:

a frame buffer; and

b. a fourth element which writes a predetermined one or plurality of said partial straight lines to said frame buffer; and

wherein said third element writes said ranges to said frame buffer.
